MDR-DS3000

SERVICE MANUAL

Ver 1.1 2004. 02

US Model
Canadian Model
AEP Model
UK Model
E Model
Tourist Model

- The MDR-DS3000 is comprised of headphones (MDR-IF3000) section and processor (DP-IF3000) section. Service manuals associated with their respective models are published. See the respective service manuals for details.

• MDR-DS3000 consists of the following models respectively.

Cordless stereo headphones	MDR-IF3000
Digital surround processor	DP-IF3000

SPECIFICATIONS

Digital surround processor (DP-IF3000)

Decoder functions	Dolby Digital Dolby Pro Logic II DTS
Virtual sound function	OFF CINEMA MUSIC
Modulation System	FM-IM (Based on IEC)
Secondary carrier wave frequency	
	Right channel 2.8 MHz Left channel 2.3 MHz
Transmission distance	Approx. 7 m (23 ft.) to the front
Transmission range	20 – 20,000 Hz
Distortion rate	1% or less (1 kHz)
Audio inputs	Optical input (rectangular-type) x 1 Analogue input (pin jack left/right) x 1
Power requirements	DC 9 V (from the supplied AC power adaptor)
Dimensions	Approx. 145 x 150 x 146 mm ($5\ ^3/_4$ x 6 x $5\ ^3/_4$ in.) (w/h/d)
Mass	Approx. 370 g (14 oz.)

Cordless stereo headphones (MDR-IF3000)

Playback frequency range	20 – 20,000 Hz
Power requirements	Rechargeable nickelmetal hydride batteries (supplied) or commercially available (size AAA) dry batteries
Mass	Approx. 275 g (10 oz.) (including the supplied rechargeable nickel-metal hydride batteries)

Supplied accessories

AC power adaptor (9 V) (1)
Rechargeable nickel-metal hydride batteries BP-HP550 (550 mAh min.) (2)
Optical digital connecting cable (optical rectangular plug ⟷ optical rectangular plug, 1.5 m) (1)
Operating Instructions (1)

DIGITAL SURROUND HEADPHONE SYSTEM

9-961-270-02
2004B02-1
© 2004.02
Sony Corporation
Personal Audio Company
Published by Sony Engineering Corporation

SONY®

• Abbreviation
CND : Canadian model
KR : Korean model
JE : Tourist model

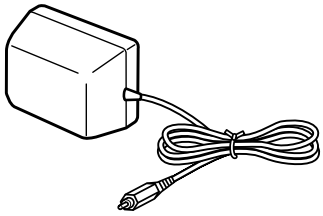
ACCESSORIES

Ref. No.	Part No.	Description	Remark
		ACCESSORIES	
		**********	
⚠101	1-473-579-12	ADAPTOR, AC (AC-S906) (AEP, E)	
⚠101	1-473-582-13	ADAPTOR, AC (AC-S911) (UK)	
⚠101	1-476-380-12	ADAPTOR, AC (AC-S911T) (UK)	
⚠101	1-478-498-11	ADAPTOR, AC (AC-S905) (KR)	
⚠101	1-693-007-21	ADAPTOR, AC (AC-S195) (JE)	
⚠101	1-693-029-11	ADAPTOR, AC. (AC-S906T) (US,CND)	
102	1-756-316-21	BATTERY, NICKEL.HYDROGEN (BP-HP550)	(US,CND)
102	1-756-316-31	BATTERY, NICKEL.HYDROGEN (BP-HP550)	(EXCEPT US,CND)
103	1-783-868-62	CORD, CONNECTION	
⚠	1-569-008-12	ADAPTOR, CONVERSION 2P (JE)	
	3-258-321-12	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, KOREAN)	
	3-258-321-21	MANUAL, INSTRUCTION (GERMAN, DUTCH, ITALIAN, PORTUGUESE)	(AEP)

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

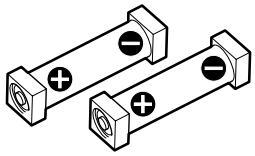
101

AC power adaptor (1)



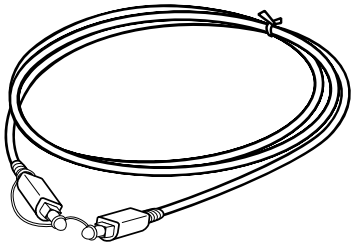
102

Rechargeable nickel-metal hydride batteries
BP-HP550 (2)



103

Optical digital connecting cable
(rectangular type ⟷ rectangular type) (1)



Note: The description used in the figure are those contained in the instruction manual.

MEMO

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2003.09	New
1.1	2004.02	Addition of US, Canadian, AEP, E, Korean and Tourist models. (ENG-03059)